

CLAIMS

What is claimed is:

1. A communications system comprising:
a demodulator having at least one output; and
a time-averaged DC component subtracter unit operably coupled to the at least one output of said demodulator.
2. The communications system of Claim 1, wherein said time-averaged DC component subtracter unit operably coupled to the at least one output of said demodulator comprises:
a DC voltage averaging unit having (a) an input operably coupled to the at least one output of said demodulator and (b) an output operably coupled to an input of said time-averaged DC component subtracter unit.
3. The communications system of Claim 1, wherein said demodulator having at least one output comprises:
said demodulator having an in-phase (I) output or a quadrature-phase (Q) output.
4. The communications system of Claim 1, wherein said time-averaged DC component subtracter unit operably coupled to said at least one output comprises:
said time-averaged DC component subtracter unit operably coupled to a symbol decoder.
5. A method comprising:
receiving at least one demodulator output signal;
subtracting a time-averaged DC component from the at least one demodulator output signal to obtain a resultant signal; and
transmitting the resultant signal to a symbol decoder.
6. The method of Claim 5, wherein said subtracting a time-averaged DC component from the at least one demodulator output signal to obtain a resultant signal comprises:
time averaging a DC voltage of the at least one demodulator output signal to obtain the time-averaged DC component.

7. The method of Claim 5, wherein said receiving at least one demodulator output signal comprises:

receiving an in-phase (I) output or a quadrature-phase (Q) output of the demodulator.